

Zaigham Shahzad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4288515/publications.pdf>

Version: 2024-02-01

15
papers

1,469
citations

759233

12
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

2462
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryptic variation in RNA-directed DNA-methylation controls lateral root development when auxin signalling is perturbed. <i>Nature Communications</i> , 2020, 11, 218.	12.8	18
2	Genetic analysis of cadmium accumulation in lettuce (<i>Lactuca sativa</i>). <i>Plant Physiology and Biochemistry</i> , 2019, 136, 67-75.	5.8	16
3	Natural variation at XND1 impacts root hydraulics and trade-off for stress responses in <i>Arabidopsis</i> . <i>Nature Communications</i> , 2018, 9, 3884.	12.8	67
4	EZ-Root-VIS: A Software Pipeline for the Rapid Analysis and Visual Reconstruction of Root System Architecture. <i>Plant Physiology</i> , 2018, 177, 1368-1381.	4.8	38
5	Food for thought: how nutrients regulate root system architecture. <i>Current Opinion in Plant Biology</i> , 2017, 39, 80-87.	7.1	119
6	To respond or not to respond? Natural variation of root architectural responses to nutrient signals. <i>Journal of Experimental Botany</i> , 2017, 68, 2636-2640.	4.8	3
7	A Potassium-Dependent Oxygen Sensing Pathway Regulates Plant Root Hydraulics. <i>Cell</i> , 2016, 167, 87-98.e14.	28.9	72
8	Aquaporins in Plants. <i>Physiological Reviews</i> , 2015, 95, 1321-1358.	28.8	658
9	An Assay to Test the Capacity of <i>Arabidopsis</i> Plant Defensin Type1 Protein to Induce Cellular Zinc (Zn) Tolerance in Yeast. <i>Bio-protocol</i> , 2015, 5, .	0.4	0
10	Combating Mineral Malnutrition through Iron and Zinc Biofortification of Cereals. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2014, 13, 329-346.	11.7	134
11	Phosphate and zinc transport and signalling in plants: toward a better understanding of their homeostasis interaction. <i>Journal of Experimental Botany</i> , 2014, 65, 5725-5741.	4.8	109
12	<i>Plant Defensin type 1</i> (PDF): protein promiscuity and expression variation within the <i>Arabidopsis</i> genus shed light on zinc tolerance acquisition in <i>Arabidopsis halleri</i> . <i>New Phytologist</i> , 2013, 200, 820-833.	7.3	50
13	The Five AhMTP1 Zinc Transporters Undergo Different Evolutionary Fates towards Adaptive Evolution to Zinc Tolerance in <i>Arabidopsis halleri</i> . <i>PLoS Genetics</i> , 2010, 6, e1000911.	3.5	106
14	Identification of three relationships linking cadmium accumulation to cadmium tolerance and zinc and citrate accumulation in lettuce. <i>Journal of Plant Physiology</i> , 2010, 167, 1239-1247.	3.5	67
15	Estimation of Genetic Diversity in Rice (<i>Oryza sativa</i> L.) Genotypes using Simple Sequence Repeats. <i>Molecular Plant Breeding</i> , 0, , .	0.0	1